

Tuesday, May 16, 2017 2:27:11 PM

Page 1

Approvals: **Process Plan:** DAS **Date:** MAY 16 2017 **Tooling:** _____ **Date:** _____ **Run** **Start** ***NR1***
 QC: 21 **Date:** _____ **SPC (Y/N):** _____ **Date:** _____ **Stop** ***NR2***

[illegible]

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					

Root Cause			FAULT CATEGORY						
Environment	☐	No Re-verification	Pressure/Forced	☐	Temperature/Cure	☐	Power Loss/Surge	☐	Positioned Wrong
Design	☐	Operator	Bending	☐	Set-up	☐	Folio/Program	☐	Outside Dimensions
Doc/Data	☐	Offset/Setup	Centre Not Concentric	☐	BOM/Route	☐	Grain	☐	Over/Under tolerance
Equip/Tooling	☐	Supplier	Cracks	☐	Broken/Damage/Defect	☐	Weld	☐	Part Incorrect
Handling/Pre	☐	Training	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐	Wrong Stock Pulled	☐	Part Lost/Missing
Material	☐	Use for Testing	Cuffs	☐	Contamination	☐	Out of Sequence	☐	Part Moved
Internal Transport	☐	Poor Information	Crushing	☐	Countersink	☐	Off-set	☐	Drawing
Tribal Knowledge	☐	Rushing	Heat Treat	☐	Cut Too Short	☐	Mislabeled	☐	Finish
LOA	☐	Product Improvement	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐	Fit/Function	☐	Misread
Substation	☐	Process Improvement	Marks/Chatter	☐	Drill Holes	☐	Misaligned/off center	☐	Turning Sequence
Past Expiry Date	☐	Manufacturing Process	OTHER :						
Misidentified	☐	Past Due							

Work Order ID 161464

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161464

Page 2

Item ID: D2712 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Set Screw
Start Date: 5/16/2017 Start Qty: 200.00 ***200*** Cust Item ID:
Required Date: 5/23/2017 Req'd Qty: 200.00 ***200*** Customer:
Reference: SCHEDULED

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Identify as per dwg & Stock Location: <u>5610</u>	0.00							
130									
Packaging	Memo	2.00				<u>200</u>		MAY 24 2017	DAS 6 9-89
Packaging									
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	20.00							
Quality Control									

17/5/25 gJ

DAS
21
9-89
MAY 24 2017

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
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Misidentified ☐	Past Due ☐																																																																

Picklist Print

Tuesday, May 16, 2017 2:27:14 PM

Page 1

Work Order ID: 161464

Parent Item: D2712

Parent Item Name: Set Screw

Start Date: 5/16/2017

Required Date: 5/23/2017

Start Qty: 200.00

Required Qty: 200.00

Comments: IPP: C05.09.13ReformatKJ/JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
92311A599 SET SCREW		Purchased	No			100	Each	0.0000	1	200			

200 SP17-5-21

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

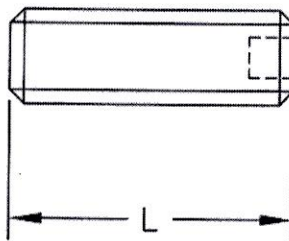
Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																											
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Misidentified ☐	Past Due ☐																																																														



DESIGN DS	DRAWN BY CP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED [Signature]	APPROVED [Signature]	DRAWING NO. D2712	REV. B SHEET 1 OF 1
DATE 05.05.04		TITLE SET SCREW	SCALE NTS
A	97.11.03	NEW ISSUE	
B	05.05.04	MATERIAL NOW SS ONLY	

RELEASED
05-09-06 [Signature]



D2712 SET SCREW

- 1) TYPE: HEX SOCKET HEAD SET SCREW
- 2) THREAD: 5/16"-24 (UNF)
- 3) LENGTH: L= 5/8" TO 3/4"
- 4) MATERIAL: STAINLESS STEEL

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 161464MCS
1205-16

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabelled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO36355**

Purchase Order Date 5/17/2017

PO Print Date 5/17/2017

Page Number 2 of 4

Order From :

VU-MCM001

MCMASTER-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 330 995 5500

Ship To Contact

Ship To Phone

Ship Via: Purolator ground ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms Net 10

Currency USD

FOB FCA - (Free Carrier)

3	92311A599	SET SCREW	5/19/2017 Yes 5/19/2017	200.00 Each	\$0.20	\$40.52
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AS PER DWG D2712 REV. B
B161464

SP17-5-21

Line Total:

DAS
38
9-88
\$40.52

4	30365T35	Swivel Eye & Fork	5/19/2017 Yes 5/19/2017	4.00 Each	\$69.79	\$279.16
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AS PER DWG D4405 REV. A
B161455

Line Total: \$279.16

5	8555K999	Self-Lubricating MDS- Filled Nylon Sheet 1/32" x 12" x 24"	5/19/2017 FN Yes 5/19/2017	4.00 sf	\$6.22	\$24.88
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Line Total: \$24.88

Note:

5/17/2017



200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO36355
Order Placed By
Chantal Lavoie

McMaster-Carr Number
3417413-02

Page 1 of 1
05/17/2017

Line	Product	Ordered	Shipped
1	91343A100 316 Stainless Steel Serrated Flange Locknut Super-Corrosion-Resistant, 1/4"-20 Thread Size, Packs of 10	2 Packs	2
3	92311A599 18-8 Stainless Steel Cup-Point Set Screw 5/16"-24 Thread, 5/8" Long, Packs of 50	4 Packs	4
4	30365T35 Eye-to-Clevis Swivel - Not for Lifting 316 Stainless Steel, 5-3/4" Long	4 Each	4
6	10815T21 Floating Flashlight 40 Lumens Brightness	4 Each	4
7	2172T11 6-Piece Foam Hardness Sample Pack	1 Pack	1

DAS
38
9-89

Expected to ship

5	8555K999 Self-Lubricating MDS-Filled Nylon Sheet 1/32", Thick, 12" X 24", with Lot and Batch Certificate	4 Each	4 Jun 1-7
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Notes about your shipment

The U.S. Department of Transportation regulates the shipping of line 6. By purchasing from McMaster-Carr Supply Company, you agree to transport or permit others to transport purchased items except in accordance with U.S. law and any other applicable laws.

McMaster-Carr Supply Company
 200 Aurora Industrial Pkwy
 Aurora, OH 44202-8087 USA
Phone: 330-995-5500 **Fax:** 330-995-9600
E-Mail: cle.sales@mcmaster.com
Employer Identification Number (EIN): 36-1458720

Invoice: 30226615
 Purchase Order: PO36355
 Release:
 McMaster-Carr Number: 3417413-02

ORIGINAL COMMERCIAL
INVOICE
CERTIFICATE OF ORIGIN

Ultimate Destination:
 Dart Aerospace Ltd
 1270 Aberdeen St
 Hawkesbury ON K6A 1K7
 Canada

Shipped: 17-May-2017 **FOB:** ORIGIN
Shipper's Export Declaration (SED):
 NO EEI 30.36

Intermediate Consignee:

Bill To:
 Dart Aerospace Ltd
 1270 Aberdeen St
 Hawkesbury ON K6A 1K7
 Canada

Tax Number:

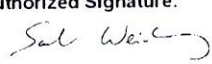
Forwarding Agent:

Billing
Attention:
Shipping
Attention:
Contact:

Line	Description	Qty & Unit	Unit Price	Extension
1	91343A100 316 Stainless Steel Serrated Flange Locknut Super-Corrosion-Resistant, 1/4"-20 Thread Size, Packs of 10 Country of Origin: Taiwan Schedule B #: 731816 ECCN #: EAR99 NLR	2 PK	\$3.83	\$7.66
3	92311A599 18-8 Stainless Steel Cup-Point Set Screw 5/16"-24 Thread, 5/8" Long, Packs of 50 Country of Origin: Taiwan Schedule B #: 731815 ECCN #: EAR99 NLR	4 PK	\$10.13	\$40.52
4	30365T35 Eye-to-Clevis Swivel - Not for Lifting 316 Stainless Steel, 5-3/4" Long Country of Origin: Peoples Republic of China Schedule B #: 732690 ECCN #: EAR99 NLR	4 EA	\$69.79	\$279.16
6	10815T21 Floating Flashlight 40 Lumens Brightness Country of Origin: Peoples Republic of China Schedule B #: 851310 ECCN #: EAR99 NLR	4 EA	\$5.88	\$23.52
7	2172T11 6-Piece Foam Hardness Sample Pack Country of Origin: United States Schedule B #: 400811 ECCN #: 1C008 NLR	1 PK	\$31.40	\$31.40

8917-5-21

Your order is subject only to our terms and conditions, available at www.mcmaster.com or from our Sales Department.

Shipping Weight (in kgs): 5	Number of Packages: 1	Invoice Amounts:	Merchandise Amount: \$382.26 Canadian GST/HST: \$51.62 Shipping Charges: \$14.80 Total (In USD): \$448.68
Package Dimensions: 31 X 31 X 32 CM = .032 CUBIC M		Payment Terms: 2% discount on merchandise only if paid within 10 days, net 30 days	
Authorized Signature: 	Date: 17-May-2017	Remit payment to: (by wire transfer) Bank of America 222 Broadway New York, NY 10038 Account 86666-02021 SWIFT BOFAUS3N (by mail) McMaster-Carr Supply Company PO Box 7690 Chicago, IL 60680-7690 USA	
Name: Sarah Weinberg	Title: Operations Mgr.	Page 1 of 2	

039

McMaster-Carr Supply Company
200 Aurora Industrial Pkwy
Aurora, OH 44202-8087 USA

Phone: 330-995-5500

Fax: 330-995-9600

E-Mail: cle.sales@mcmaster.com

Employer Identification Number (EIN): 36-1458720

Invoice: 30226615

Purchase Order: PO36355

Release:

McMaster-Carr Number: 3417413-02

ORIGINAL COMMERCIAL

INVOICE

CERTIFICATE OF ORIGIN

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NOTE These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. government or as otherwise authorized by U.S. law and regulations.

NOTE Tracking number(s) for this shipment:
CPK005484944

SP17-5-21